

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
29 March 2001 (29.03.2001)

PCT

(10) International Publication Number
WO 01/21989 A1

(51) International Patent Classification⁷: F16K 17/00, 35/00, 37/00 (71) Applicant and
 (72) Inventor: LEE, Won, Bae [KR/KR]; 2-207 Geukdong Apt., 428 Oksoo-dong, Sungdong-gu, Seoul 133-100 (KR).

(21) International Application Number: PCT/KR00/01045 (74) Agents: LEE, Jae, Min et al.: Jinsung Building, 4th Floor, 736-8 Yoksam-dong, Gangnam-ku, Seoul 135-080 (KR).

(22) International Filing Date: 18 September 2000 (18.09.2000) (81) Designated States (national): AU, BR, CA, CH, CN, DE, DK, GB, ID, JP, RU, SG, US.

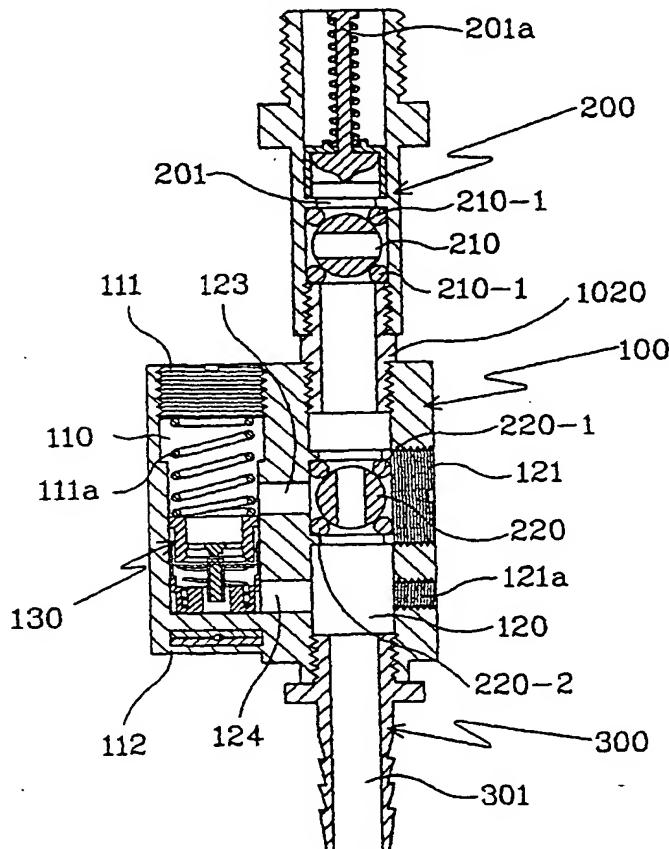
(25) Filing Language: Korean (84) Designated States (regional): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).

(26) Publication Language: English

(30) Priority Data: 1999/40364 20 September 1999 (20.09.1999) KR Published:
 2000/15993 29 March 2000 (29.03.2000) KR — *With international search report.*

[Continued on next page]

(54) Title: GAS SAFETY VALVE



(57) Abstract: Disclosed is a gas safety valve capable of sensing a gas pressure difference in a gas pipe produced upon gas leakage from gas equipment to thereby generate a visual and audible alarm on the outside of the valve, whereby the safety checking for the gas equipment and instrument is necessarily and automatically achieved before the use of gas, thereby ensuring the use of gas in a more safe manner.

WO 01/21989 A1